

Applicant : Wray Russ
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Attorney's Docket No.: 18496-007001

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Original) An in-line writing and marking system comprising:
a dispenser configured to dispense a disk from a stack of disks;
at least one duplication system configured to receive the disk from the dispenser and write data onto the disk;
a conveyor belt assembly configured to receive the disk from the duplication system and convey the disk from a first position to a second position;
a marking device located between the first position and the second position and configured to mark indicia on the disk;
a pad located between a first conveyor surface and a second conveyor surface, wherein the pad is configured to catch over-spray from the marking device; and
a plurality of rollers configured to guide the conveyor belt assembly around the pad.
2. (Original) The system of Claim 1, wherein the conveyor belt assembly comprises a plurality of belts forming the first conveyor surface and the second conveyor surface.
3. (Original) The system of Claim 1, wherein the at least one duplication system comprises a tray configured to receive the disk from the dispenser, wherein the tray has an extended position to receive the disk from the disk dispenser and a retracted position, wherein data is written on the disk.
4. (Original) The system of Claim 1, wherein the dispenser is configured to dispense a lower-most disk from the stack of disks.

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5. (Original) The system of Claim 1, wherein the marking device comprises an ink-jet print head.

6. (Original) The system of Claim 1, further comprising a conveyor belt guide member configured to guide the disk onto the conveyor belt assembly.

7. (Original) An in-line writing and marking system comprising:
a dispenser configured to dispense a disk from a stack of disks;
at least one duplication system configured to receive the disk from the disk dispenser and write data onto the disk;
a conveyor belt assembly configured to receive the disk from the duplication system and convey the disk from a first position to a second position; and
a marking device located between the first position and the second position and configured to mark indicia on the disk.

8. (Original) The system of Claim 7, wherein the conveyor belt assembly comprises a plurality of belts forming a conveyor surface.

9. (Currently Amended) The system of Claim 7, wherein the at least one duplication system comprises a tray configured to receive the disk from the dispenser, wherein the tray has an extended position configured to receive the disk from the disk dispenser and a retracted position where data can be, ~~wherein data is written on~~ to the disk.

10. (Original) The system of Claim 7, wherein the dispenser is configured to dispense a lower-most disk from the stack of disks.

11. (Original) The system of Claim 7, wherein the marking device comprises an ink-jet print head.

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12. (Original) The system of Claim 7, further comprising a conveyor belt guide member configured to guide the disk onto the conveyor belt assembly.

13 - 16. (Canceled)

17. (Previously Presented) An in-line marking system comprising:
a conveyor belt assembly configured to receive a disk and convey the disk from a first position to a second position;
a marking device located between the first position and the second position and configured to mark indicia on the disk; and
a plurality of rollers configured to guide the conveyor belt assembly around a pad located underneath the marking device.

18. (Previously Presented) The system of Claim 17, wherein at least one of the plurality of rollers controls the movement of the conveyor belt assembly.

19. (Previously Presented) The system of Claim 18, wherein the at least one of the plurality of rollers configured to control the movement of the conveyor belt assembly is attached to a motor assembly and controls the movement of the conveyor belt assembly in short and essentially uniform movements.

20. (Previously Presented) The system of Claim 17, further comprising a pad located between a first conveyor surface and a second conveyor surface, wherein the pad is configured to catch over-spray from the marking device.

21. (Previously Presented) The system of Claim 17, wherein the system does not include a pad.

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22. (Previously Presented) The system of Claim 17, further comprising a dispenser configured to dispense a disk from a stack of disks.

23. (Previously Presented) The system of Claim 22, further comprising at least one duplication system configured to receive the disk from the dispenser and write data onto the disk.

24. (Previously Presented) An in-line marking system comprising:
a conveyor belt assembly configured to receive a medium, the conveyor belt assembly having a chassis assembly comprising a support frame having a first section and a second section;
a marking device located between the first section and the second section and configured to mark indicia on the medium; and
a plurality of rollers located between the first and second sections and configured to guide the conveyor belt assembly around a pad located underneath the marking device.

25. (Previously Presented) The system of Claim 24, wherein at least one of the plurality of rollers controls the movement of the conveyor belt assembly.

26. (Previously Presented) The system of Claim 25, wherein the at least one of the plurality of rollers configured to control the movement of the conveyor belt assembly is attached to a motor assembly and controls the movement of the conveyor belt assembly in short and essentially uniform movements.

27. (Previously Presented) The system of Claim 24, further comprising a pad located between a first conveyor surface and a second conveyor surface, wherein the pad is configured to catch over-spray from the marking device.

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28. (Previously Presented) The system of Claim 24, wherein the system does not include a pad.

29. (Previously Presented) The system of Claim 24, further comprising a dispenser configured to dispense the medium from a stack of mediums.

30. (Previously Presented) The system of Claim 29, further comprising at least one duplication system configured to receive the medium from the dispenser and write data onto the medium.

31. (New) The system of Claim 9, wherein:
the stack of disks is vertical;
the dispenser is configured to dispense a bottom disk from the vertical stack of disks; and
the dispenser is disposed over the at least one duplication system so that the tray, when at the extended position, catches the bottom disk when the bottom disk falls out of the dispenser.

32. (New) The system of claim 31, wherein:
the at least one duplication system includes a plurality of disk lifters configured to lift the bottom disk out of the tray, when the tray is at the extended position, and drop the bottom disk when the tray is at the retracted position; and
the duplication system is disposed over the first position so that the bottom disk falls to the first position when dropped by the plurality of lifters.

33. (New) The system of claim 32, wherein:
at least one of the plurality of lifters is actuated by a servomotor.

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34. (New) The system of claim 32, further comprising:

a conveyor belt guide member including an opening configured to receive and guide the bottom disk onto the first position as the bottom disk falls from being dropped by the plurality of lifters, wherein the at least one duplication system is disposed over the conveyor belt guide so that the bottom disk falls into the opening when dropped by the plurality of lifters.